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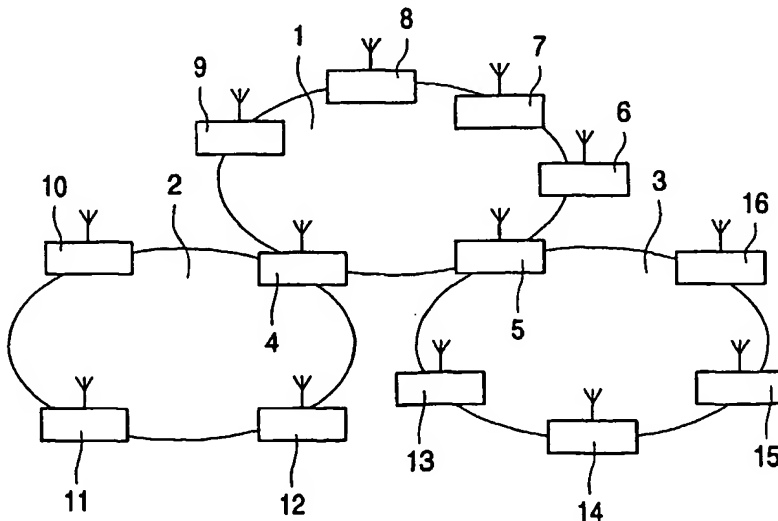
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(54) Title: NETWORK WITH SUBNETS BEING CONNECTABLE VIA BRIDGE TERMINALS



(57) Abstract: The present invention relates to the connection of subnets which operate on different frequency channels and are connected by wireless forwarder stations. According to the present invention, a forwarding station periodically switches to the other frequency channel to remain there for a pre-defined presence duration, whereby jitters of the presence time caused by overlapping packet transmissions are compensated. According to the present invention, a presence and absence time of the forwarder station in the respective subnet is indicated by using signals relating to a power saving mechanism.

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# INTERNATIONAL SEARCH REPORT

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**A. CLASSIFICATION OF SUBJECT MATTER**  
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## B. FIELDS SEARCHED

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

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## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 996 257 A (PHILIPS CORP INTELLECTUAL PTY ; KONINKL PHILIPS ELECTRONICS NV (NL)) 26 April 2000 (2000-04-26) paragraph '0025! paragraph '0038!	1,2,4-6, 8-11
A	US 2002/123276 A1 (PEETZ JOERG) 5 September 2002 (2002-09-05) paragraph '0027! paragraph '0031! - paragraph '0032! ----- -/--	1-11

☒ Further documents are listed in the continuation of box C.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>BAATZ S ET AL: "Bluetooth scatternets: an enhanced adaptive scheduling scheme" PROCEEDINGS IEEE INFOCOM 2002. THE CONFERENCE ON COMPUTER COMMUNICATIONS. 21ST. ANNUAL JOINT CONFERENCE OF THE IEEE COMPUTER AND COMMUNICATIONS SOCIETIES. NEW YORK, NY, JUNE 23 - 27, 2002, PROCEEDINGS IEEE INFOCOM. THE CONFERENCE ON COMPUTER COMMUNICATIONS, vol. VOL. 1 OF 3. CONF. 21, 23 June 2002 (2002-06-23), pages 782-790, XP010593640 ISBN: 0-7803-7476-2 page 783, paragraph III.A - page 784, paragraph III.A</p>	1-11
A	<p>"Part 11, Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) specifications, pages 123-137" 26 July 1997 (1997-07-26), INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, NEW YORK, USA, XP002304615 paragraph '11.2.2! paragraph '11.1.3.2!</p>	1-11

# INTERNATIONAL SEARCH REPORT

Information on patent family members

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